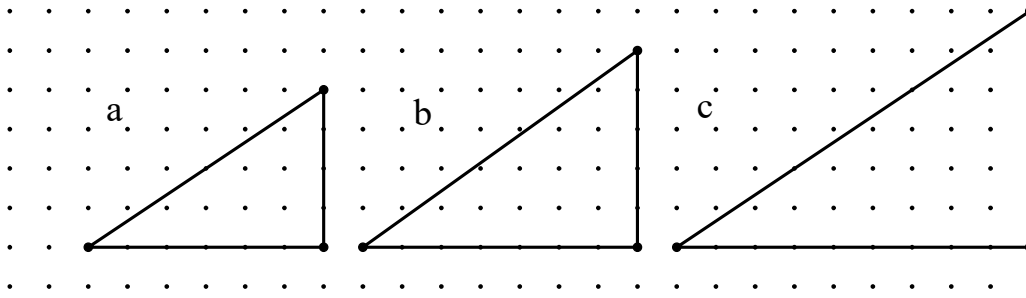


Similar shapes assignment 1

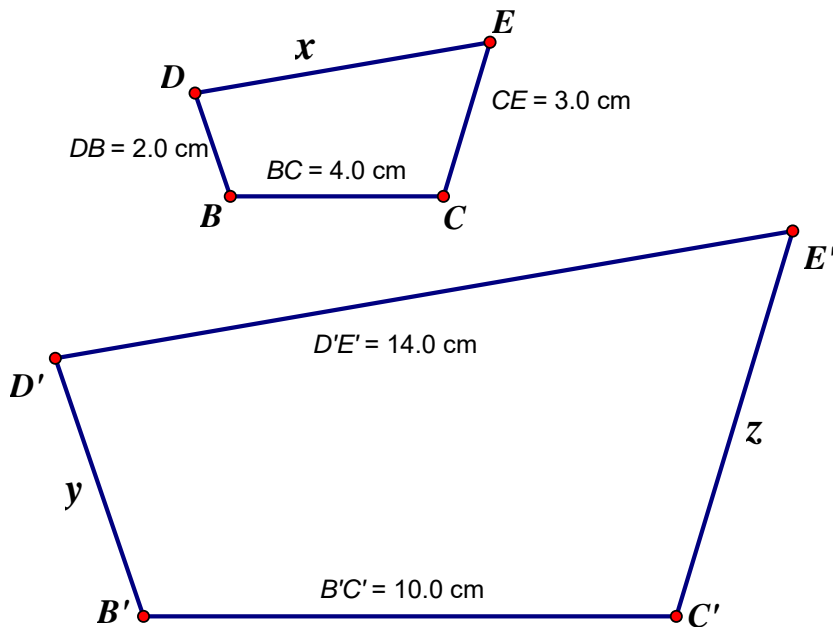
name: \_\_\_\_\_

1. Are all of these triangles similar? Are any of these triangles similar? Tell how you know:



2. The length of a rectangle is 45 inches and the width is 8 inches. A similar rectangle has a width of 24 inches. What is the perimeter of the second rectangle?

3. These two shapes are similar. Find the missing side lengths.



4. Make at least two measurements of something. On the back of the page, make a scale drawing (scale  $\neq 1$ ) of it. Label your drawing with the lengths you measured. Use a ruler to make your drawing to scale.